



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(211.004-US)

In re Application of: **FERRANT ET AL.**

) Group Art Unit: **2818**

U.S. Application Serial No: **10/840,009**

) Examiner:

U.S. Filing Date: **MAY 6, 2004**

)

Title: **SEMICONDUCTOR MEMORY DEVICE AND
METHOD OF OPERATING SAME**

)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail with
sufficient postage in an envelope
addressed to the Commissioner for
Patents, P.O. Box 1450, Alexandria, VA
22313-1450 on August 10, 2004

Date

Michiko Sato

(person signing this certificate)

Michiko Sato

Signature

FIRST INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Submitted herewith are seven (7) sheets of modified Form PTO-1449. Electronic copies of the U.S. patents and published U.S. patent applications identified on the attached Form PTO-1449 are found on the attached compact disc ("CD"). Should the Examiner desire hard copies of the documents cited in the attached Form PTO-1449, kindly contact the undersigned.

It is respectfully requested that the Examiner make his/her consideration of these documents formally of record with the initial Office Action.

Respectfully submitted,

Neil A. Steinberg
Reg. No. 34,735
650-968-8079

Date: August 10, 2004



PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT		ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
APPLICANT(S) Ferrant et al.			
FILING DATE May 6, 2004		GROUP ART UNIT 2818	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4,032,947	6/1977	Kesel et al.			
	3,997,799	12/1976	Baker			
	5,448,513	9/1995	Hu et al.			
	4,298,962	11/1981	Hamano et al.			
	3,439,214	4/1969	Kabell			
	6,081,443	6/2000	Morishita			
	6,111,778	8/2000	MacDonald et al.			
	5,936,265	8/1999	Koga			
	5,780,906	7/1998	Wu et al.			
	5,144,390	9/1992	Matloubian			
	5,696,718	12/1997	Hartmann			
	4,979,014	12/1990	Hieda et al.			
	5,489,792	2/1996	Hu et al.			
	5,982,003	11/1999	Hu et al.			
	6,121,077	9/2000	Hu et al.			
	6,300,649	10/2001	Hu et al.			
	6,518,105	2/2003	Yang et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	2002 0070411	6/2002	Vermandel et al.			
	2001/0055859	12/2001	Yamada et al.			
	2002/0030214	3/2002	Horiguchi			
	2002/0034855	3/2002	Horiguchi et al.			
	2002/0051378	5/2002	Ohsawa			
	2002/0076880	6/2002	Yamada et al.			
	2002/0098643	7/2002	Kawanaka et al.			
	2002/0110018	8/2002	Ohsawa			
	2002/0114191	8/2002	Iwata et al.			
	2002/0130341	9/2002	Horiguchi et al.			
	2002/0160581	10/2002	Watanabe et al.			
	2003/0003608	1/2003	Arikado et al.			
	2003/0015757	1/2003	Ohsawa			
	2003/0035324	2/2003	Fujita et al.			
	2003/0057487	3/2003	Yamada et al.			
	2003/0057490	3/2003	Nagano et al.			
	2003/0112659	6/2003	Ohsawa			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	2003/0146488	8/2003	Nagano et al.			
	2003/0151112	8/2003	Yamada et al.			
	2002/0036322	3/2002	Divakauni et al.			
	6,252,281	6/2001	Yamamoto et al.			
	6,292,424	9/2001	Ohsawa			
	6,351,426	2/2002	Ohsawa			
	6,466,511	10/2002	Fujita et al.			
	6,538,916	3/2003	Ohsawa			
	6,548,848	4/2003	Horiguchi et al.			
	6,567,330	5/2003	Fujita et al.			
	5,258,635	11/1993	Nitayama et al.			
	6,391,658	5/2002	Gates et al.			
	5,446,299	8/1995	Acovic et al.			
	5,568,356	10/1996	Schwartz			
	5,627,092	5/1997	Alsmeyer et al.			
	5,631,186	5/1997	Park et al.			
	5,740,099	4/1998	Tanigawa			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,877,978	3/1999	Morishita et al.			
	5,930,648	7/1999	Yang			
	5,939,745	8/1999	Park et al.			
	5,943,258	8/1999	Houston et al.			
	5,968,840	10/1999	Park et al.			
	5,977,578	11/1999	Tang			
	6,018,172	1/2000	Hidada et al.			
	6,297,090	10/2001	Kim			
	6,384,445	5/2002	Hidaka et al.			
	6,590,258	7/2003	Divakauni et al.			
	2002/0064913	5/2002	Adkisson et al.			
	2002/0072155	6/2002	Liu et al.			
	2002/0086463	7/2002	Houston et al.			
	2002/0089038	7/2002	Ning			
	2002/0180069	12/2002	Houston			
	2003/0102497	6/2003	Fried et al.			
	2003/0123279	7/2003	Aipperspach et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4,791,610	12/1988	Takemae			
	5,388,068	2/1995	Ghoshal et al.			
	5,466,625	11/1995	Hsieh et al.			
	5,528,062	6/1996	Hsieh et al.			
	5,593,912	1/1997	Rajeevakumar			
	5,606,188	2/1997	Bronner et al.			
	5,778,243	7/1998	Aipperspach et al.			
	5,784,311	7/1998	Assaderaghi et al.			
	5,811,283	9/1998	Sun			
	5,886,376	3/1999	Acovic et al.			
	5,897,351	4/1999	Forbes			
	5,943,581	8/1999	Lu et al.			
	5,960,265	9/1999	Acovic et al.			
	6,096,598	8/2000	Furukawa et al.			
	6,097,056	8/2000	Hsu et al.			
	6,157,216	12/2000	Lattimore et al.			
	6,171,923	1/2001	Chi et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	6,177,300	1/2001	Houston et al.			
	6,177,708	1/2001	Kuang et al.			
	6,214,694	4/2001	Leobandung et al.			
	6,225,158	5/2001	Furukawa et al.			
	6,245,613	6/2001	Hsu et al.			
	6,320,227	11/2001	Lee et al.			
	6,333,532	12/2001	Davari et al.			
	6,350,653	2/2002	Adkisson et al.			
	6,403,435	6/2002	Kang et al.			
	6,424,011	7/2002	Assaderaghi et al.			
	6,424,016	7/2002	Houston			
	6,429,477	8/2002	Mandelman et al.			
	6,440,872	8/2002	Mandelman et al.			
	6,441,435	8/2002	Chan			
	6,441,436	8/2002	Wu et al.			
	6,492,211	12/2002	Divakaruni et al.			
	6,544,837	4/2003	Divakaruni et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 211.004-US	SERIAL NUMBER 10/840,009
	APPLICANT(S) Ferrant et al.	
	FILING DATE May 6, 2004	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	6,549,450	4/2003	Hsu et al.			
	6,552,398	4/2003	Hsu et al.			
	6,556,477	4/2003	Hsu et al.			
	6,566,177	5/2003	Radens et al.			
	6,590,259	7/2003	Adkisson et al.			
	6,650,565	11/2003	Ohsawa			
	6,632,723	10/2003	Watanabe et al.			
	6,621,725	9/2003	Ohsawa			
	6,617,651	9/2003	Ohsawa			
	6,531,754	3/2003	Nagano et al.			
	5,886,385	3/1999	Arisumi et al.			
	5,929,479	7/1999	Oyama			
	6,771,546	8/2004	Ikehashi et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	